

## WHAT IS CLAIMED IS:

1. An LSI, comprising:
  - a RAM for storing an intermediate code;
  - a ROM for storing an interpreter execution program that is capable of interpreting the intermediate code; and
  - a CPU for controlling execution of the interpreter execution program,wherein the RAM, the ROM, and the CPU are formed on one chip.
2. An LSI according to claim 1, wherein the intermediate code is encrypted.
3. An LSI according to claim 1, wherein:
  - the RAM can store an encrypted intermediate code and an unencrypted intermediate code; and
  - the interpreter execution program can interpret both the encrypted intermediate code and the unencrypted intermediate code.
4. An LSI according to claim 1, further comprising:
  - a recording/reproduction head for recording/reproducing information on an optical disc; and
  - an optical disc control section for controlling a motor which drives the optical disc,wherein the optical disc control section is formed on the one chip.
5. An optical disc apparatus, comprising:
  - an execution section for executing an interpreter execution program that is capable of interpreting an intermediate code, so as to generate a control command

10051585-011802

string; and

a control section for controlling recording/reproduction of information on an optical disc according to the control command string.

6. An optical disc apparatus according to claim 5, wherein the execution section includes:

a RAM for storing an intermediate code;

a ROM for storing the interpreter execution program;

and

a CPU for controlling execution of the interpreter execution program.

7. An optical disc apparatus according to claim 6, wherein the RAM, the ROM, and the CPU are formed on one chip.

8. An optical disc apparatus according to claim 7, wherein the control section includes:

a recording/reproduction head for recording/reproducing information on the optical disc;

a motor for driving the optical disc; and

an optical disc control section for controlling the recording/reproduction head and the motor.

9. An optical disc apparatus according to claim 8, wherein the optical disc control section is formed on the one chip.

10. An optical disc apparatus according to claim 5, wherein the intermediate code is encrypted.

11. An optical disc apparatus according to claim 6, wherein:

the RAM can store an encrypted intermediate code and an unencrypted intermediate code; and

10051585 011302

the interpreter execution program can interpret both the encrypted intermediate code and the unencrypted intermediate code.

10051595-041800